

### **Abstract of the Disclosure**

A system and method of data communication for multiple stations using shared communication media within a network. A data communication message structure uses a preamble that includes both source and destination data. The message structure allows use of collision resolve logic to prioritize stations within the network such that the winner is the one with the highest priority. The destination preamble data allows each station to sample and store destination data to a buffer for decoding in the background where the station does not have to support the network data rate.